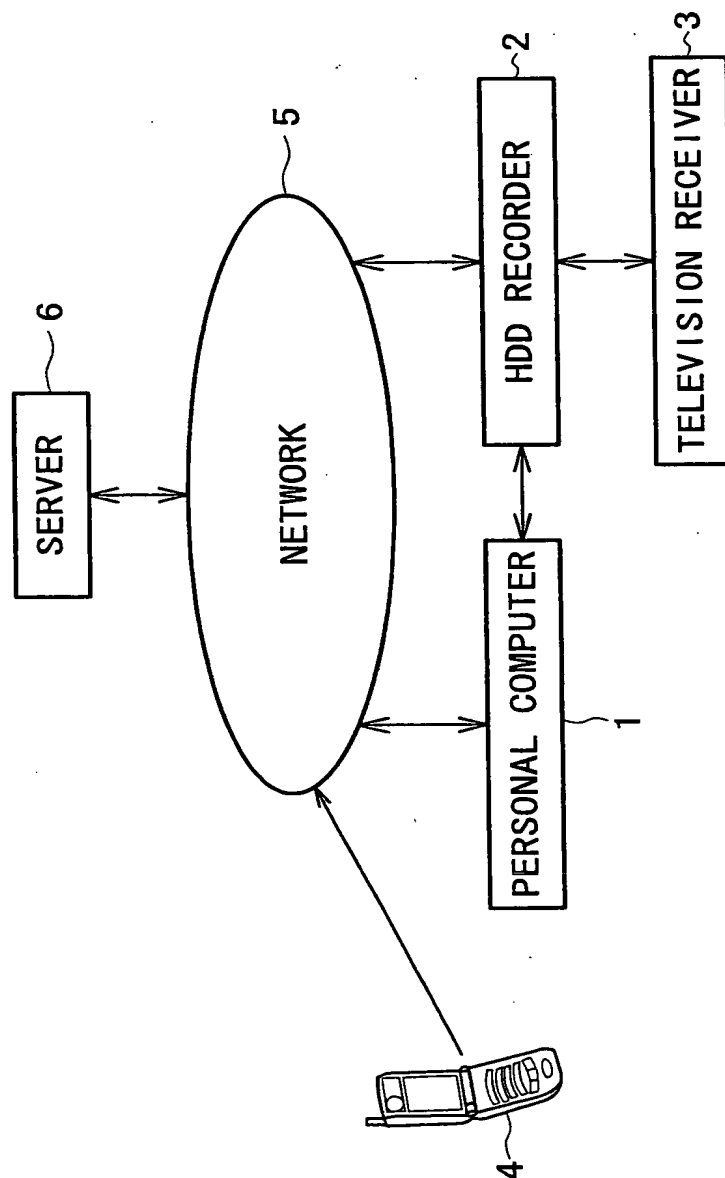


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FIG. 1



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FIG. 2

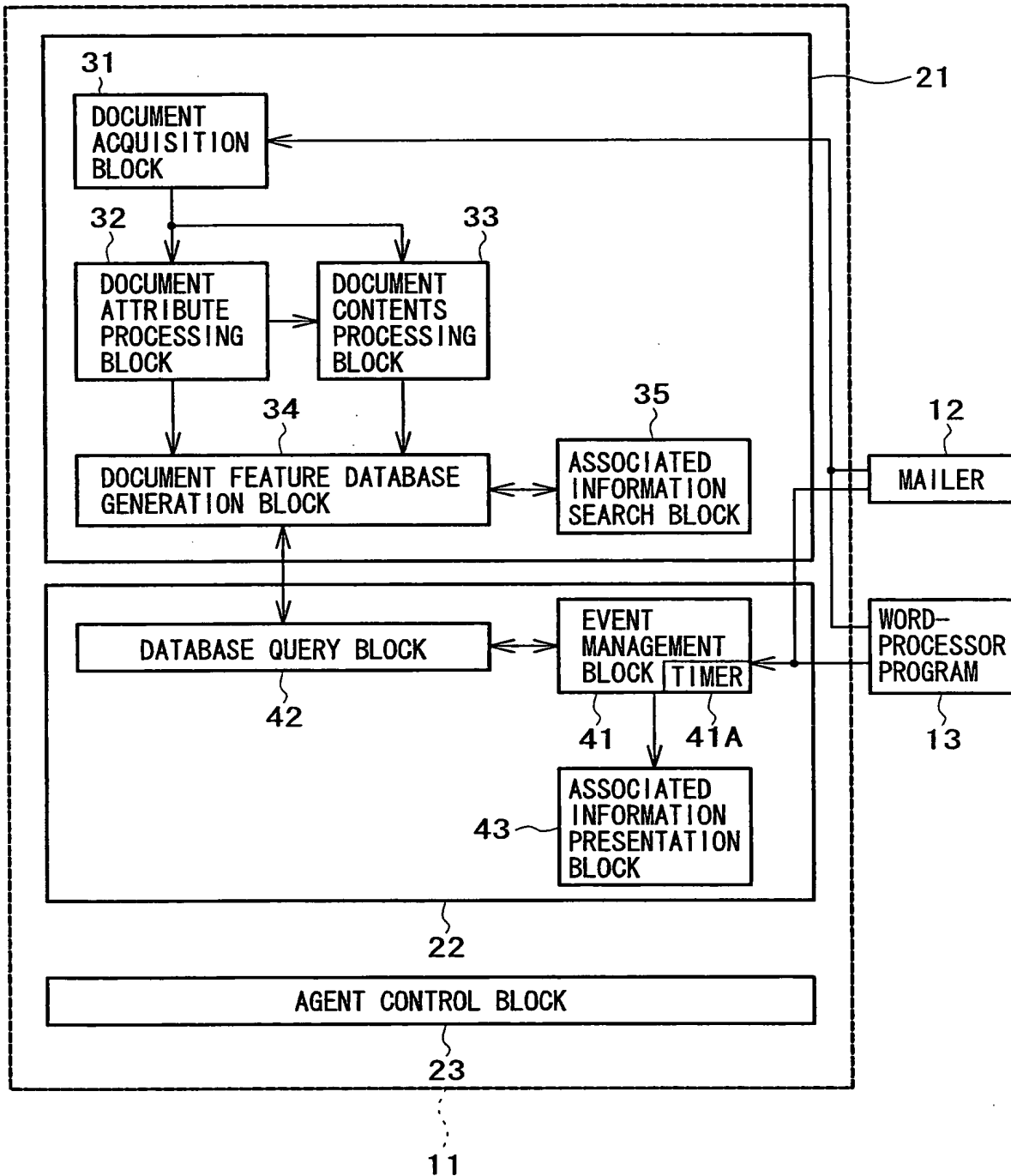


FIG. 3

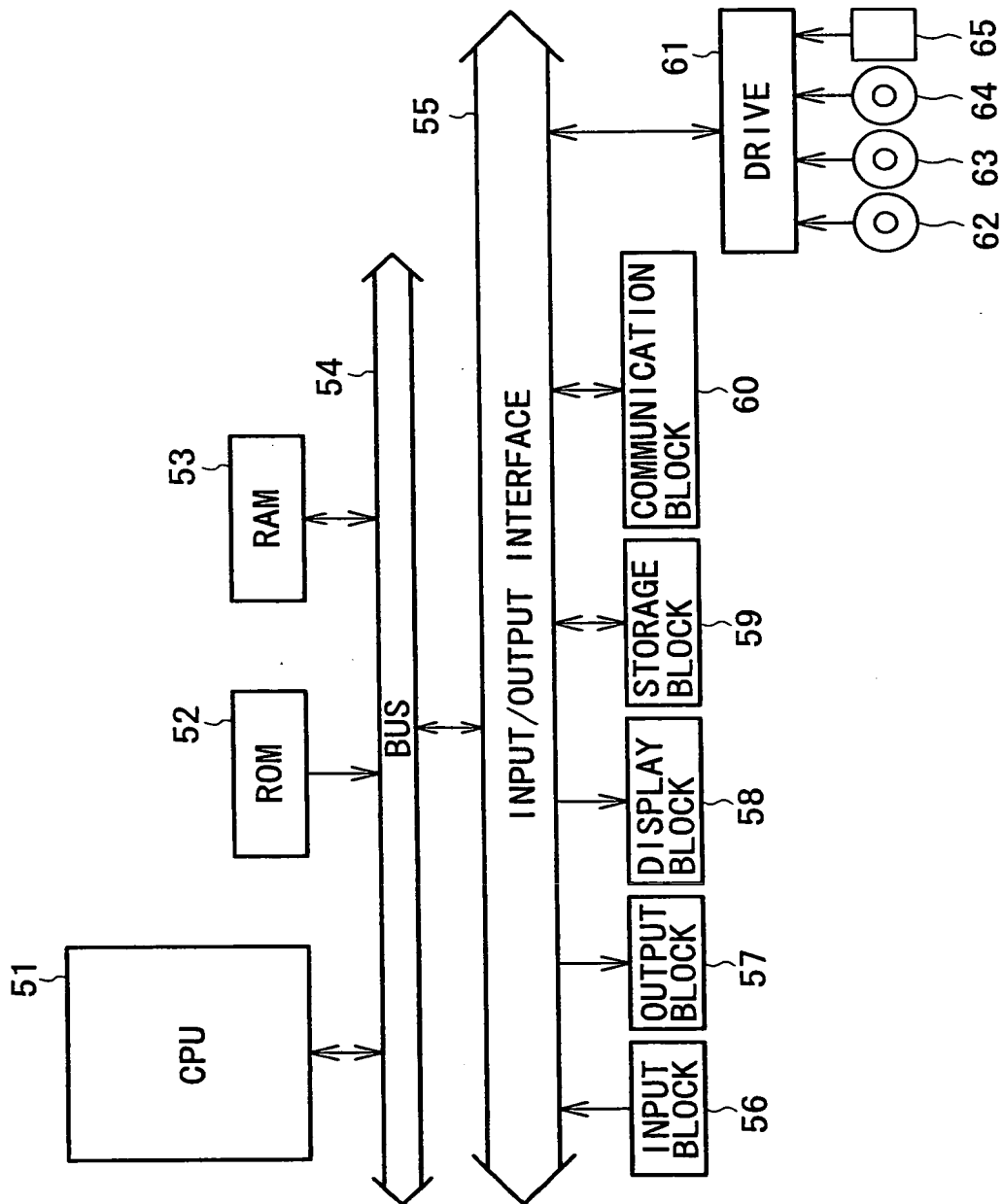
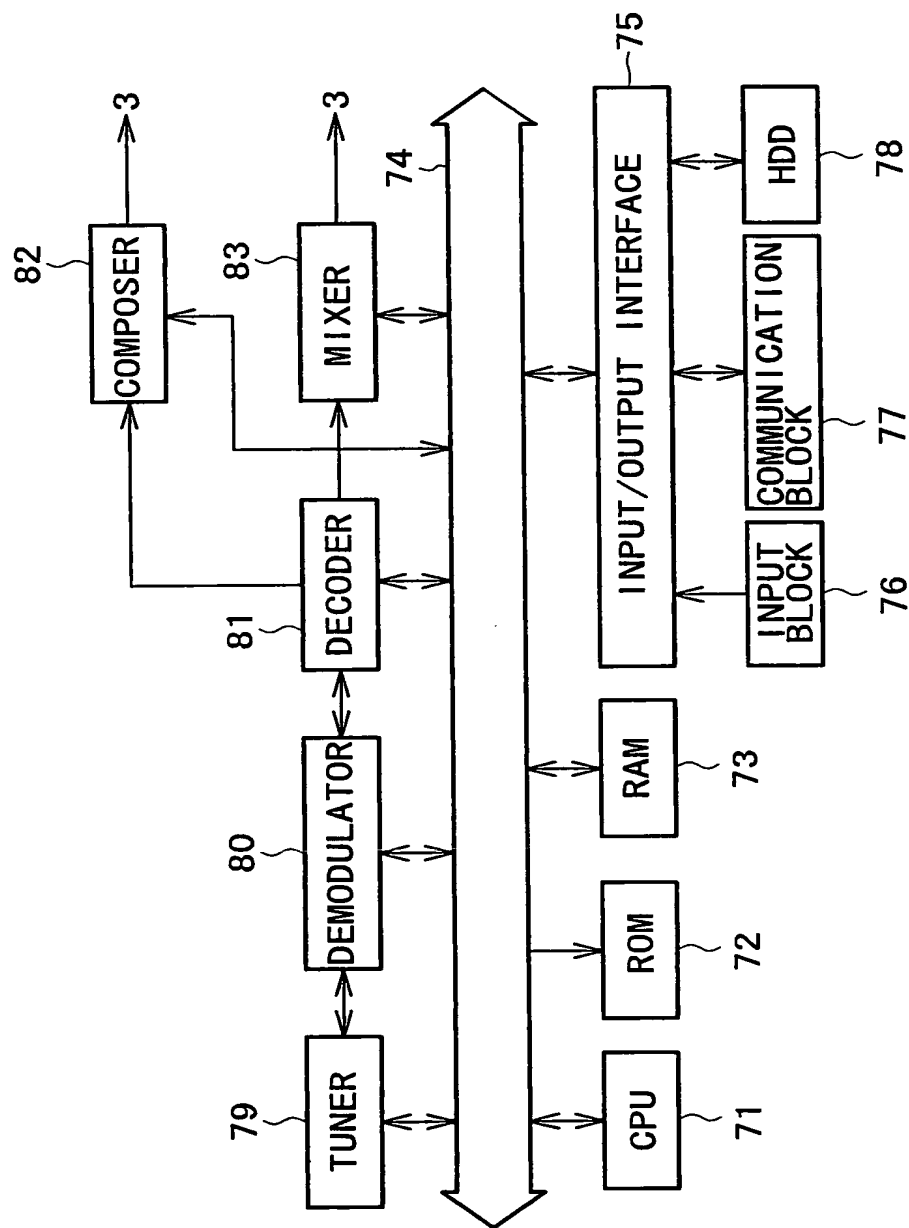


FIG. 4



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FIG. 5

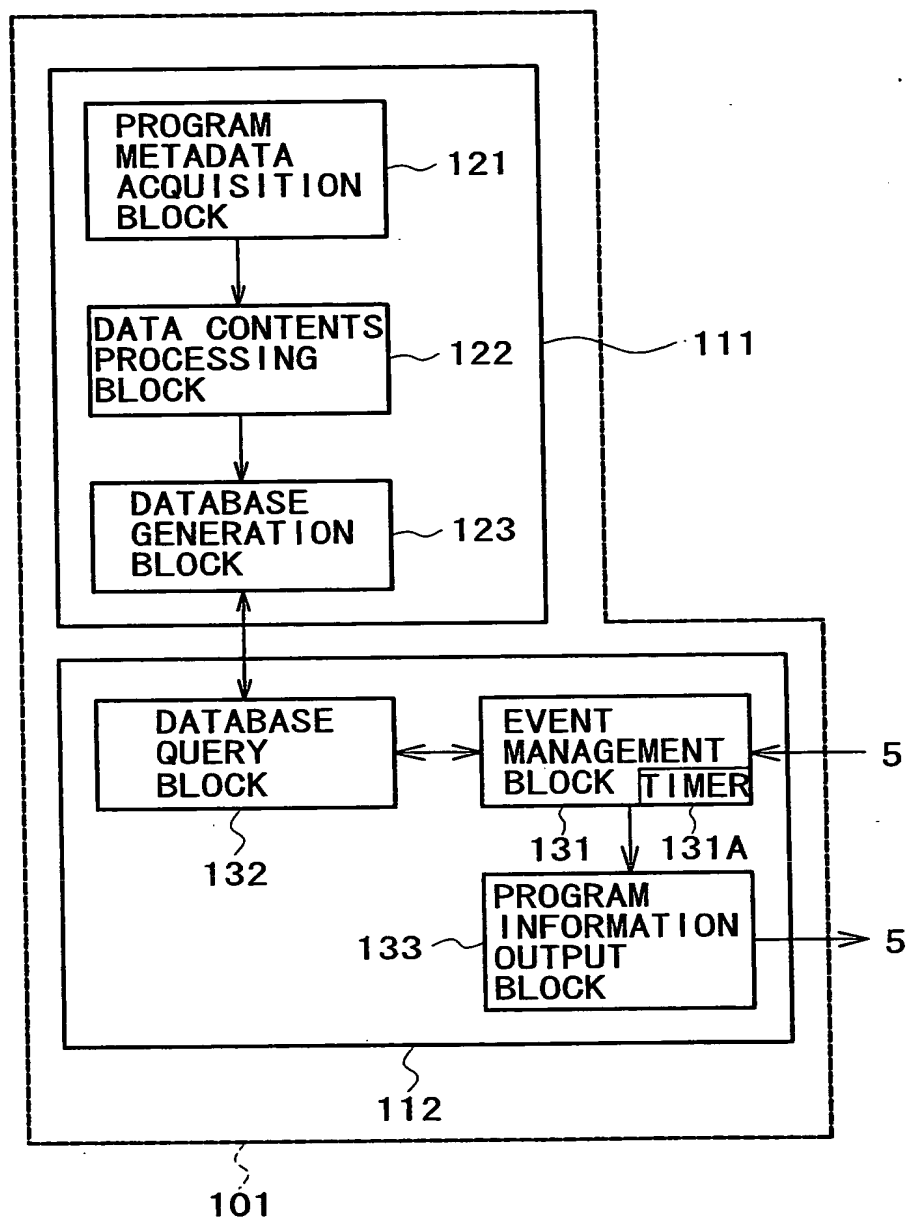
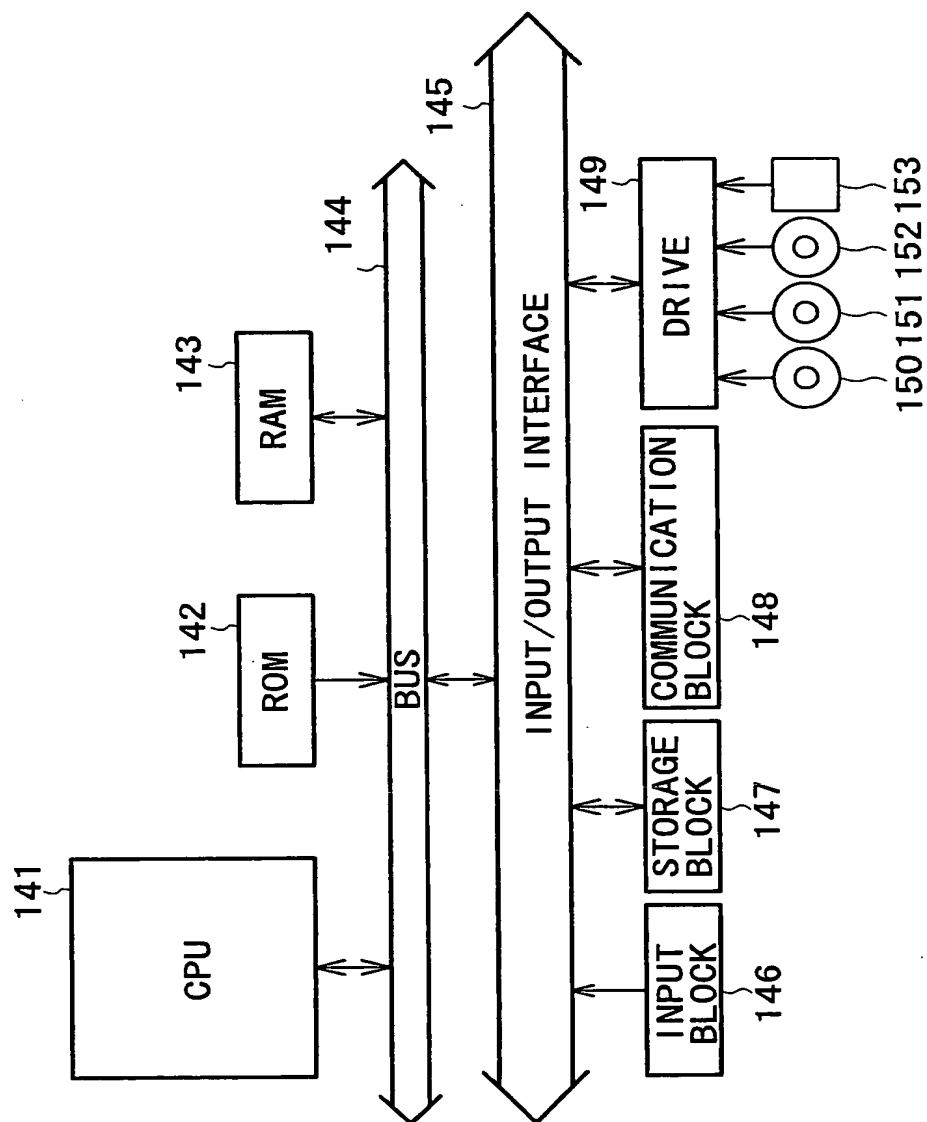
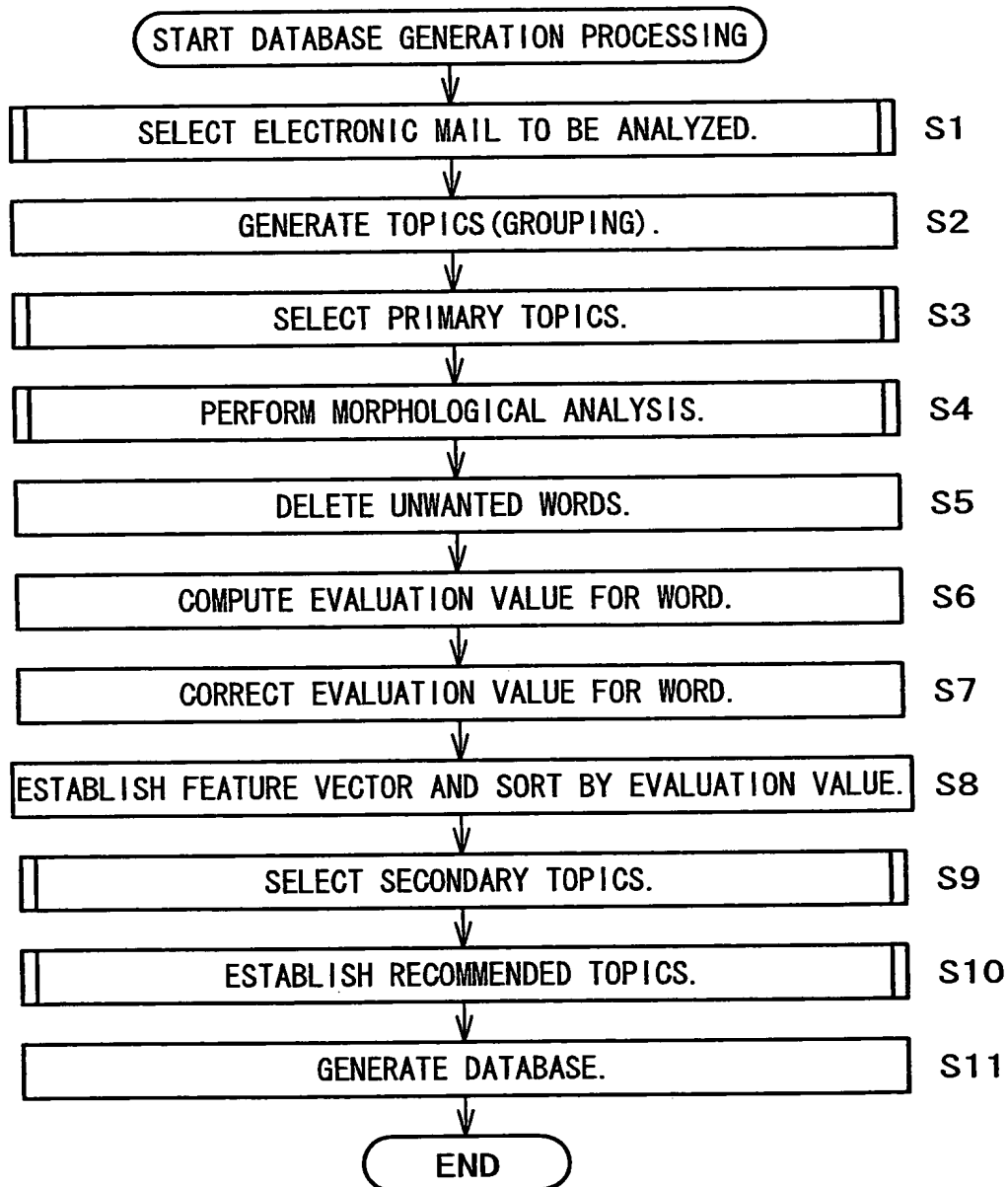


FIG. 6



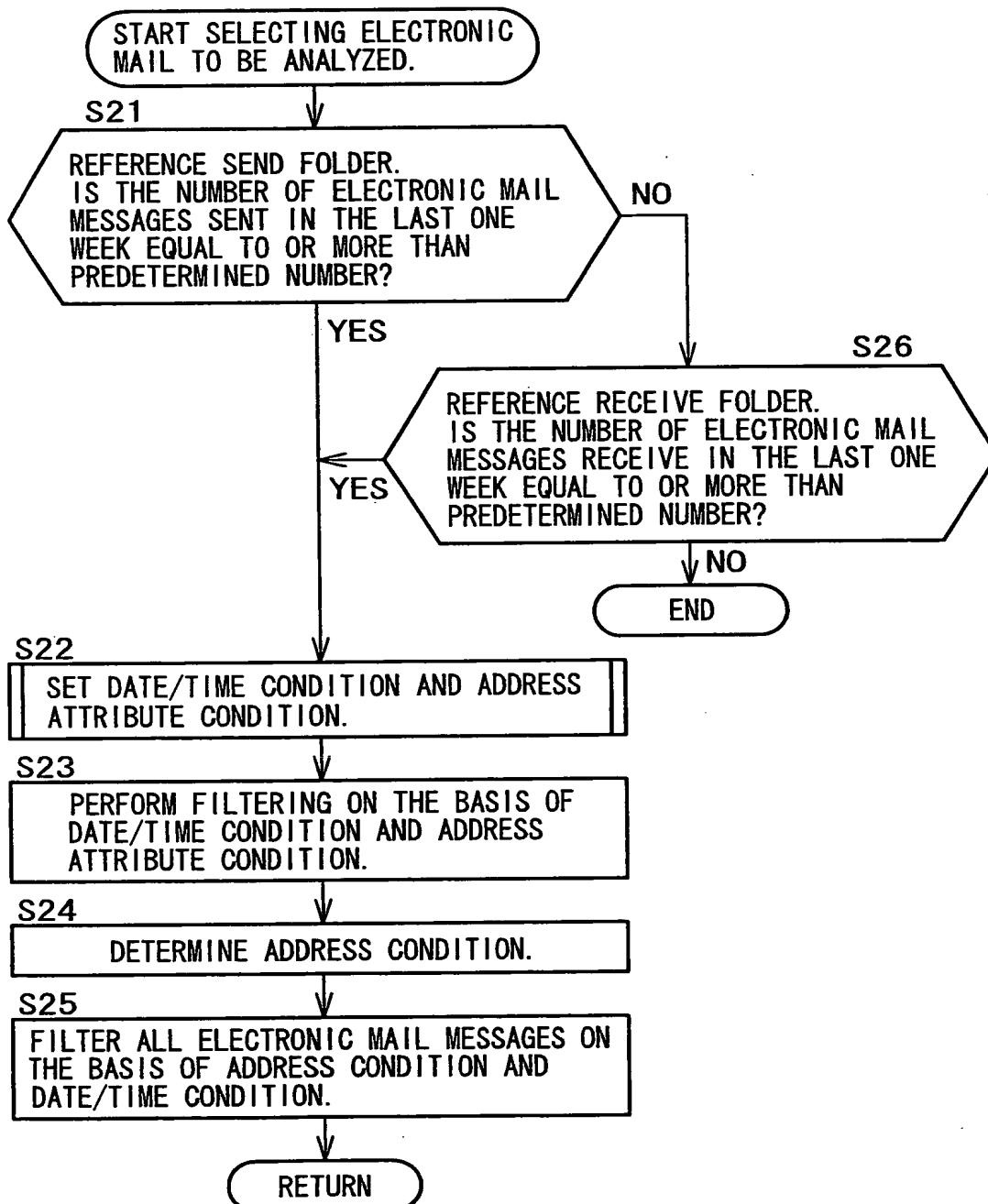
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FIG. 7



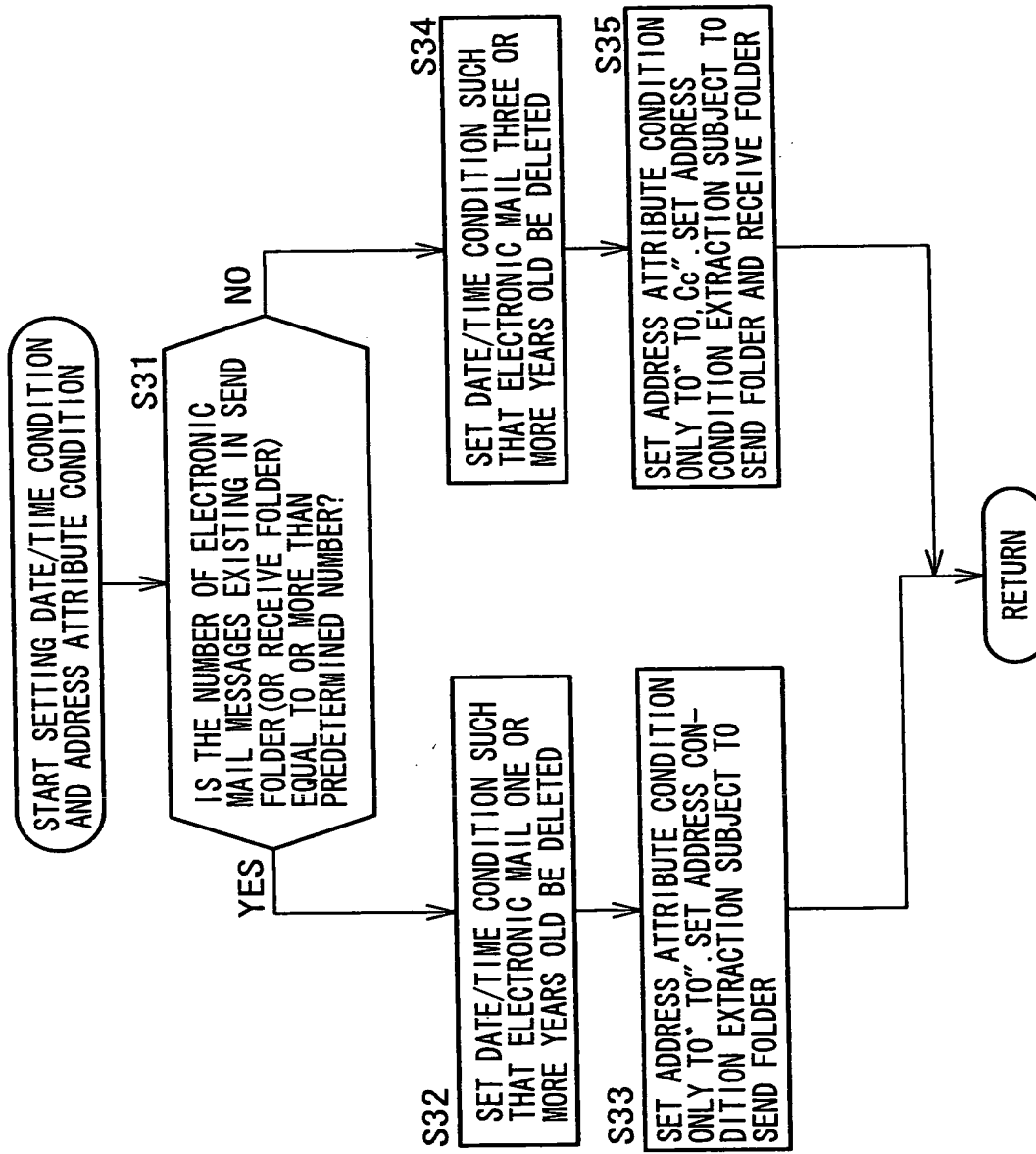
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FIG. 8



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FIG. 9



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FIG. 10

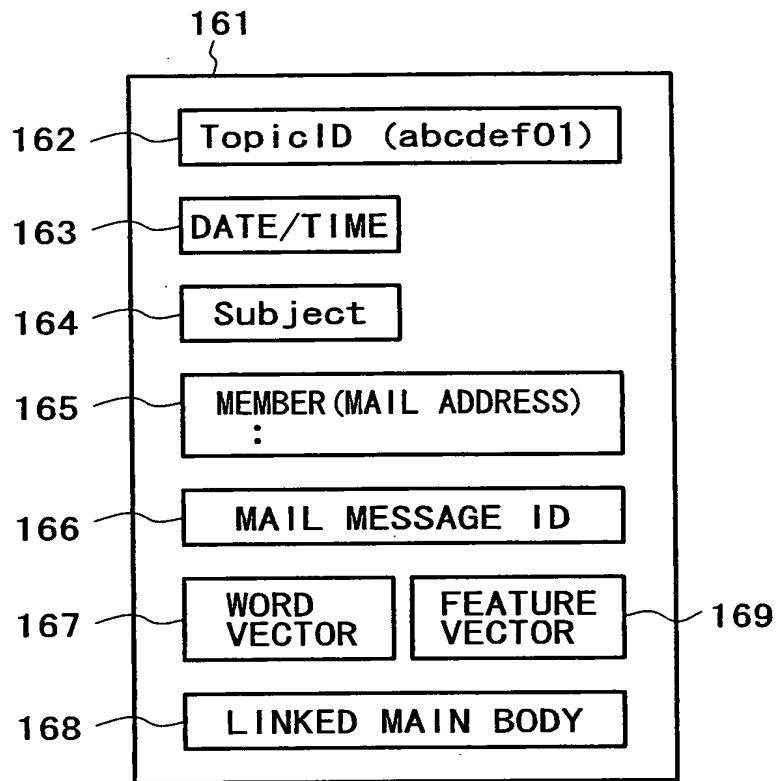
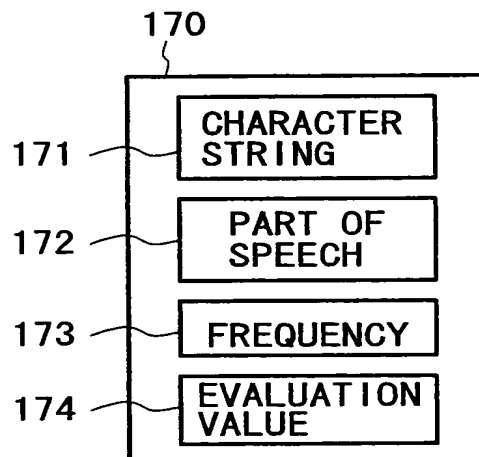
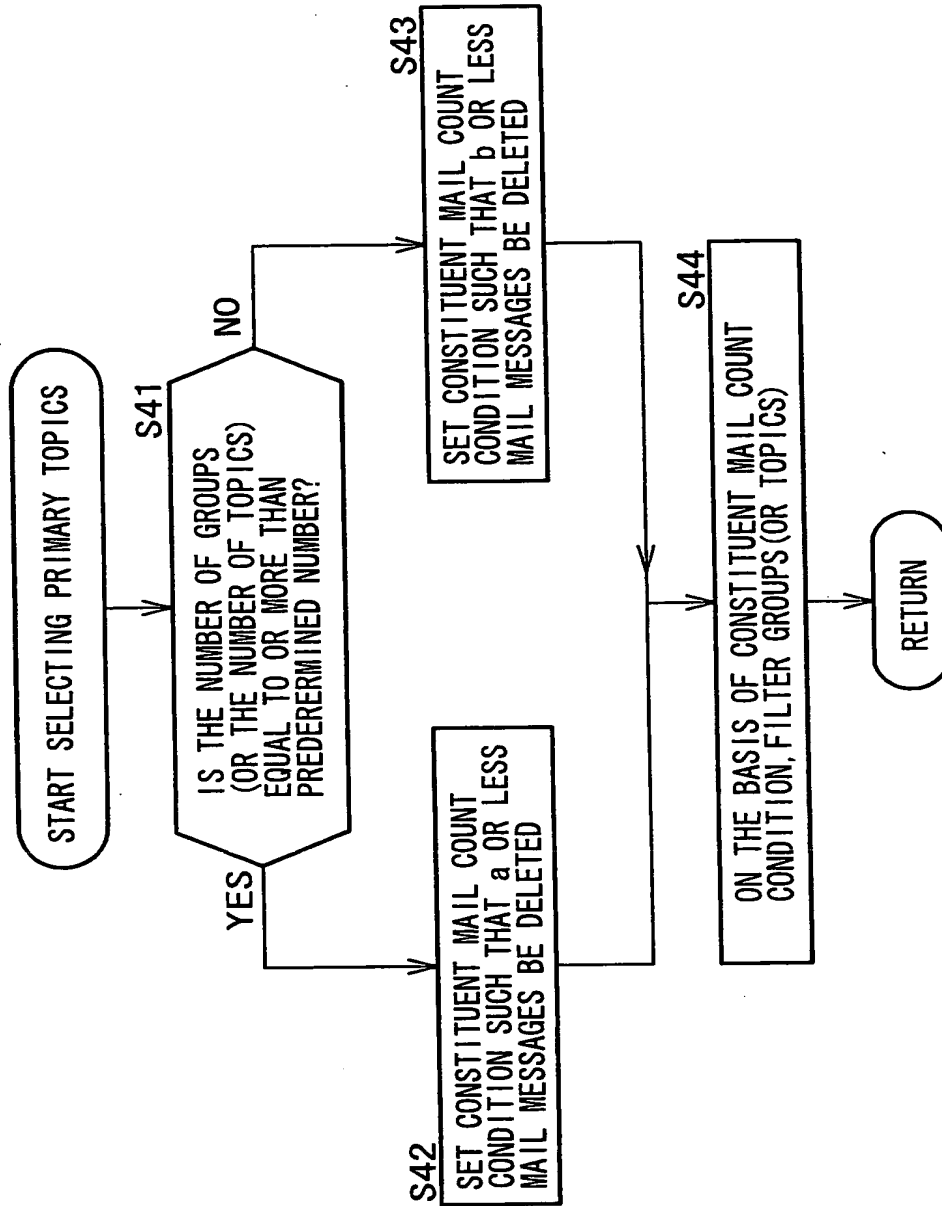


FIG. 11



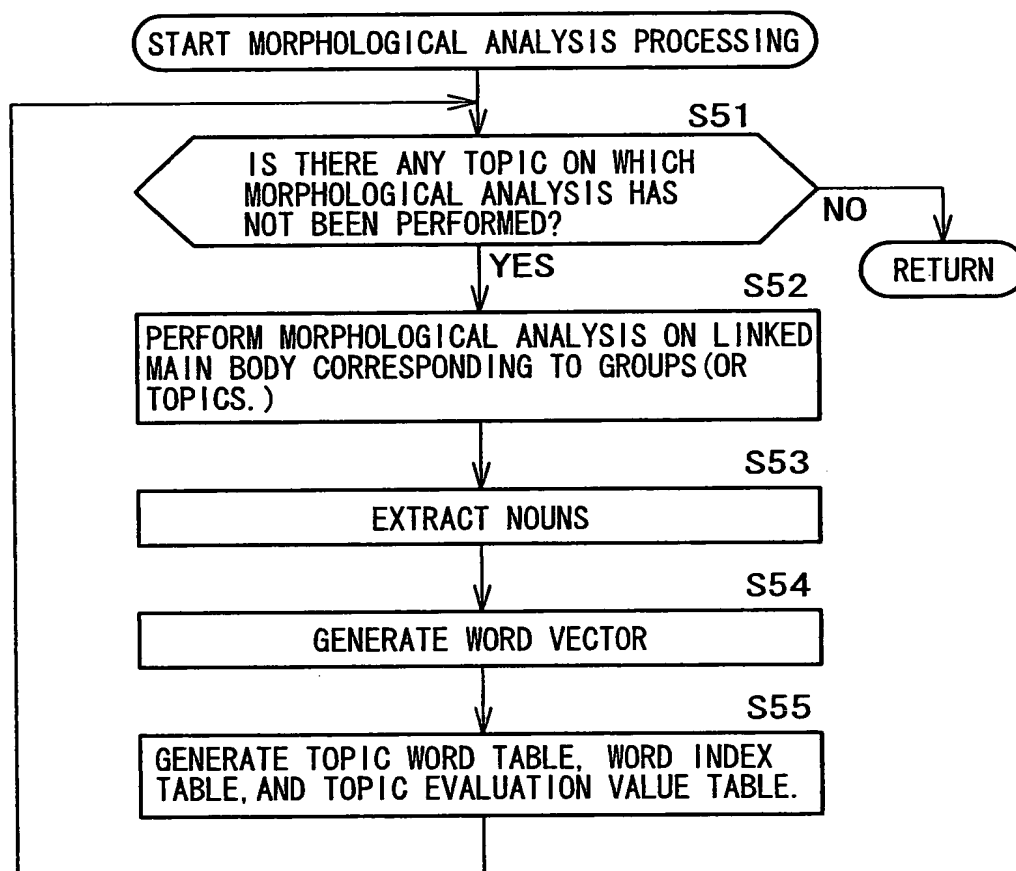
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FIG. 12



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FIG. 13



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FIG. 14

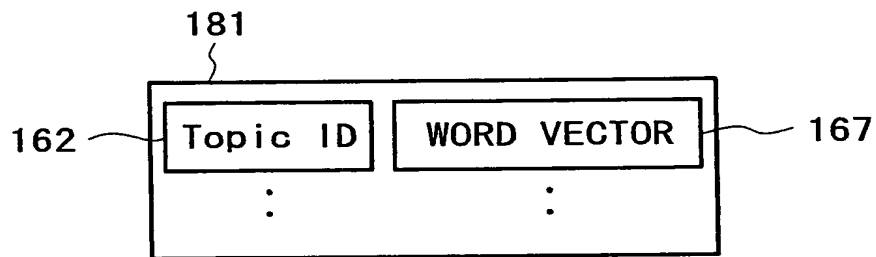


FIG. 15

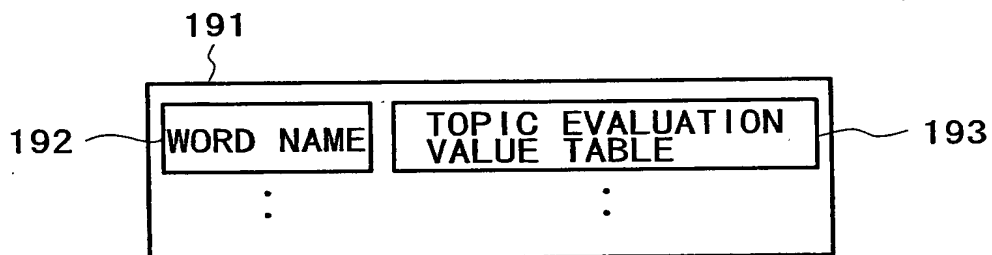
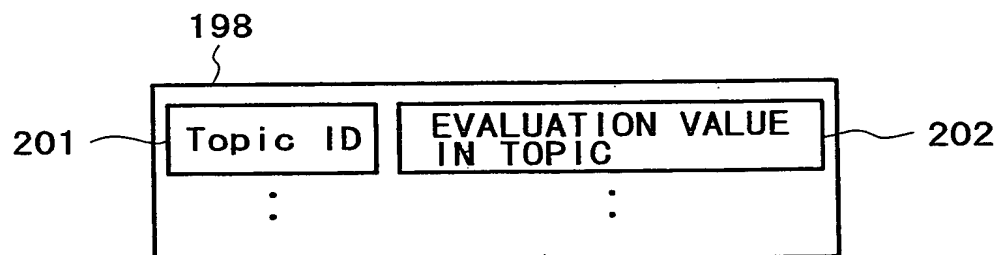
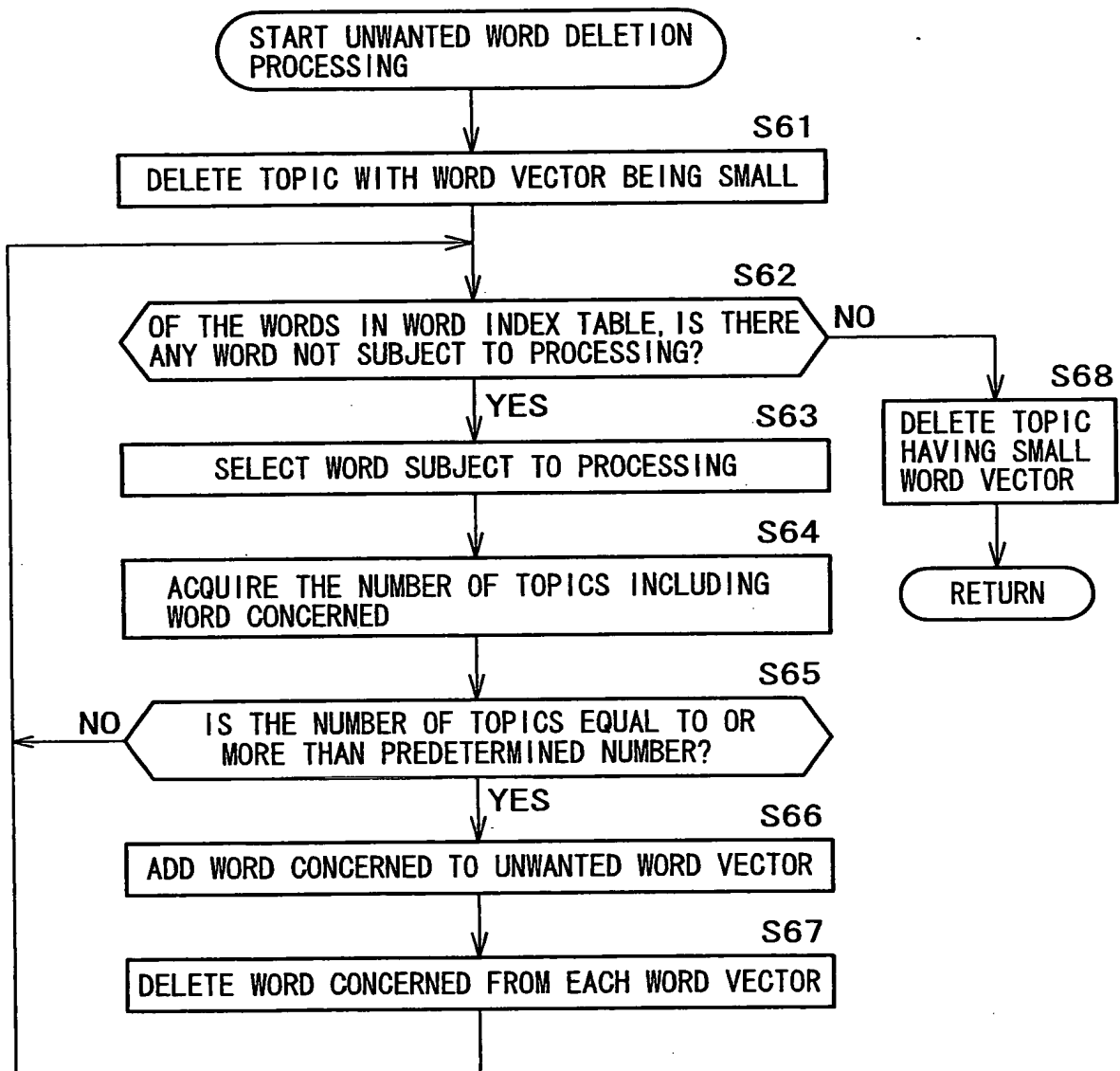


FIG. 16



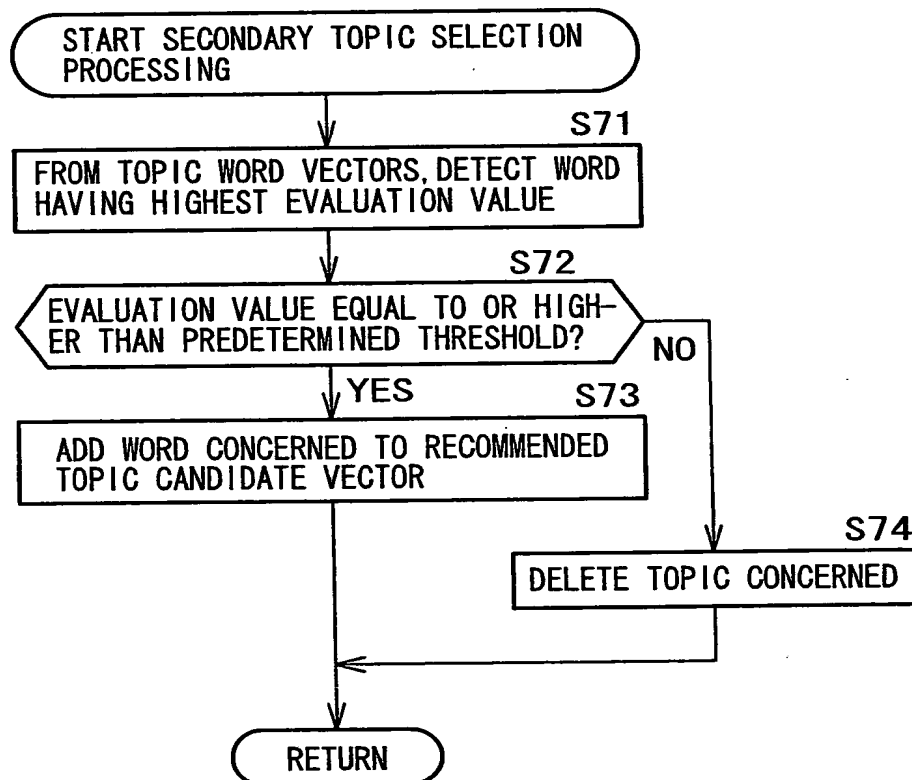
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FIG. 17



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FIG. 18



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FIG. 19

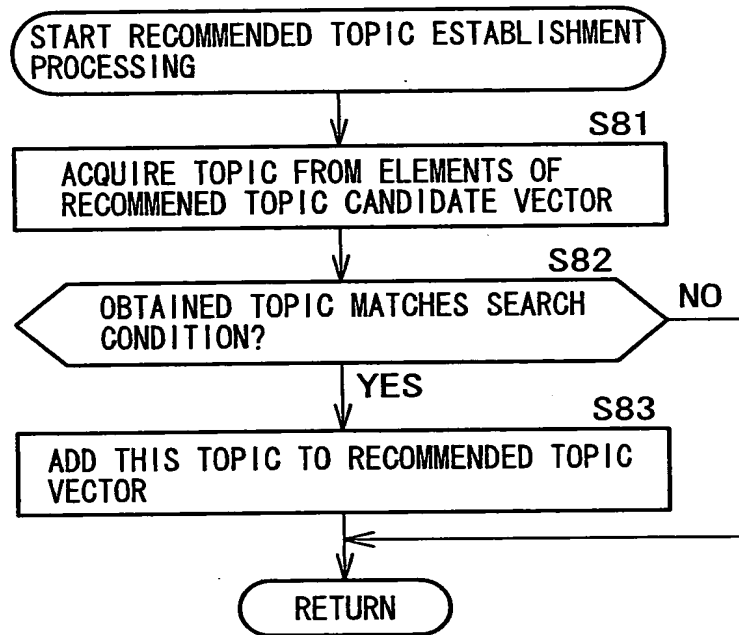
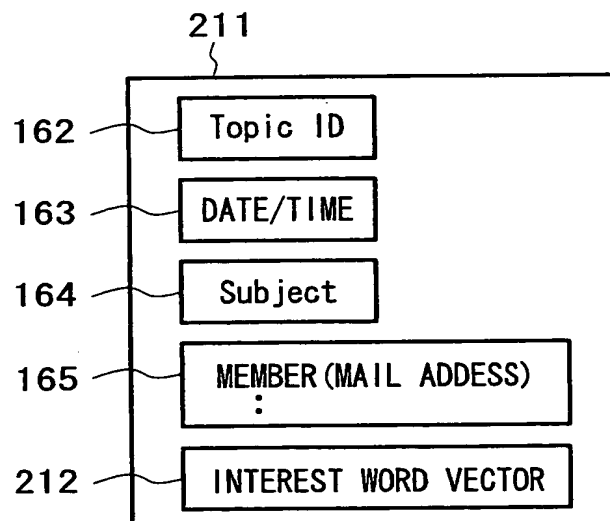


FIG. 20



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FIG. 21

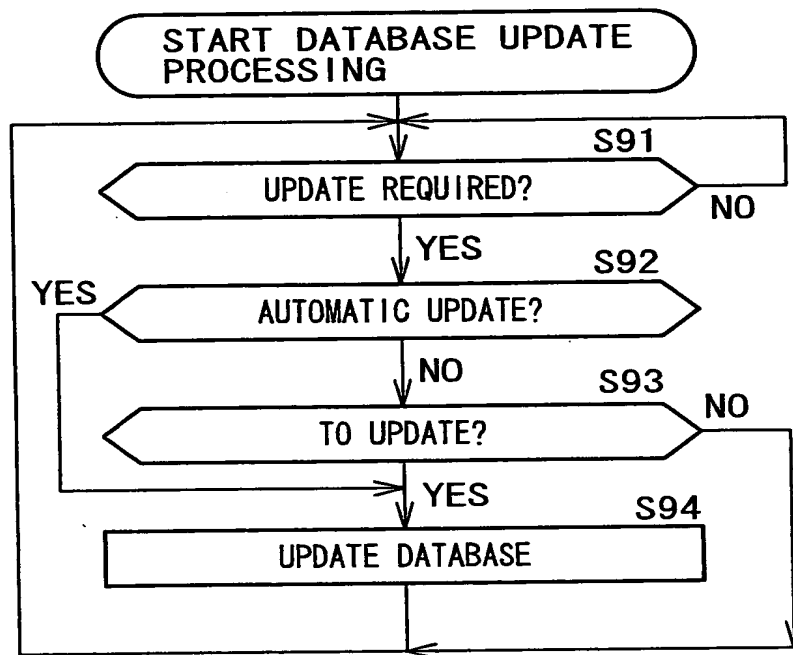
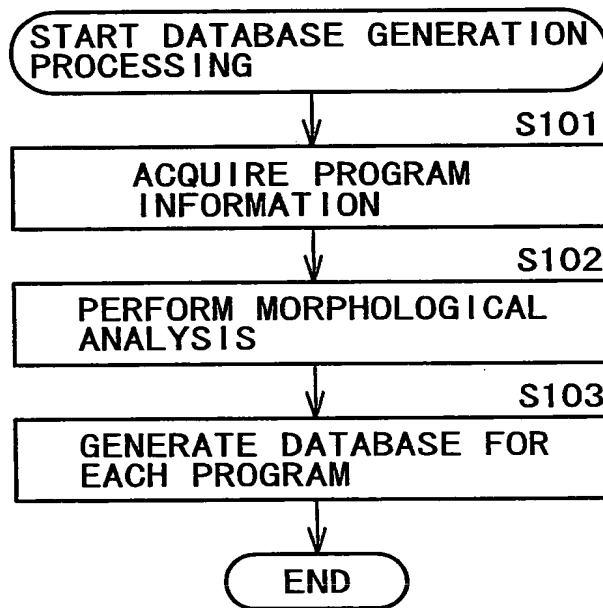


FIG. 22

- ☐ MAIL GROUP WITH URL EXECUTED ☐ TIMES IS DETERMINED TO BE UPDATED.
- ☐ MAIL GROUP WITH ALL RECOMMENDED URLS USED IS DETERMINED TO BE UPDATED.
- ☐ MAIL GROUP THAT HAS PASSED ☐ DAYS FROM LAST UPDATE IS DETERMINED TO BE UPDATED.
- ☐ MAIL GROUP WITH SEARCH WORD CHANGED BY ANALYSIS OF NEWLY RECEIVED MAIL IS DETERMINED TO BE UPDATED.

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FIG. 23



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FIG. 24

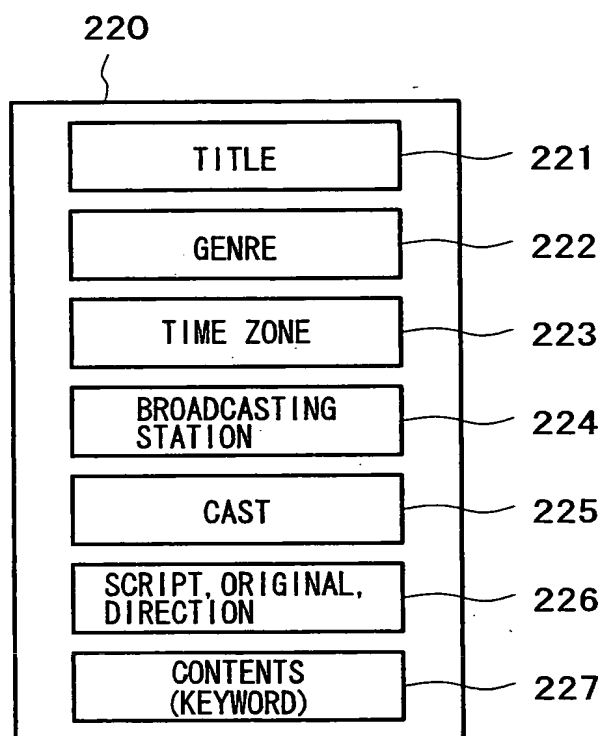
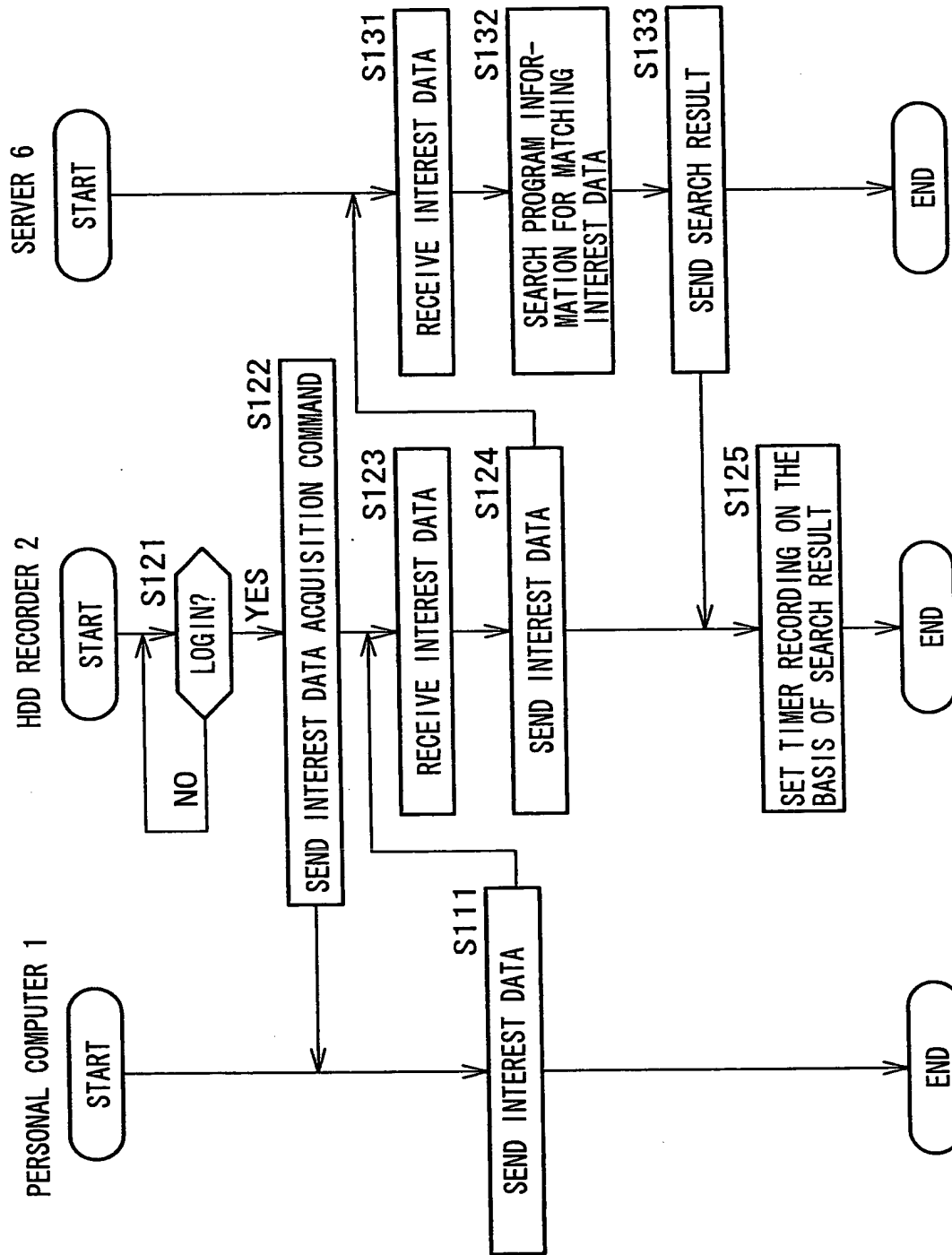
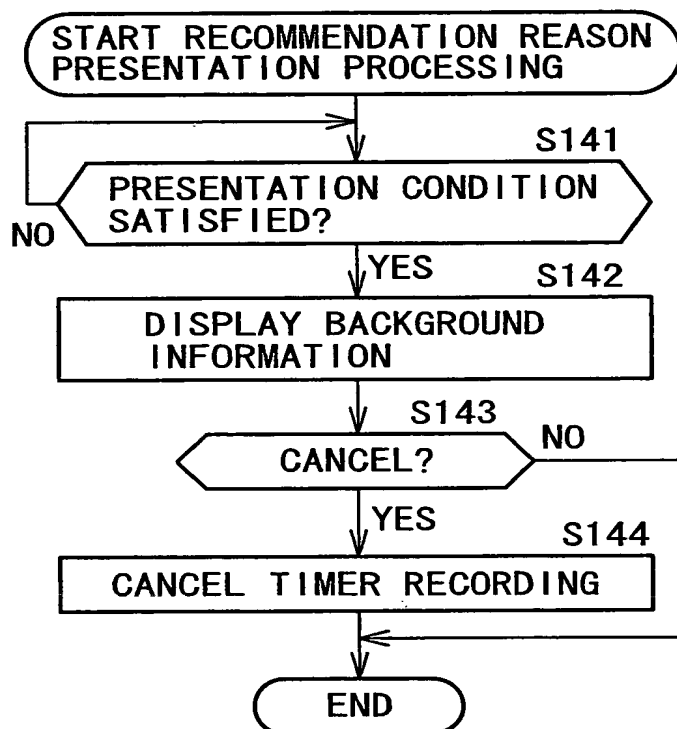


FIG. 25



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FIG. 26

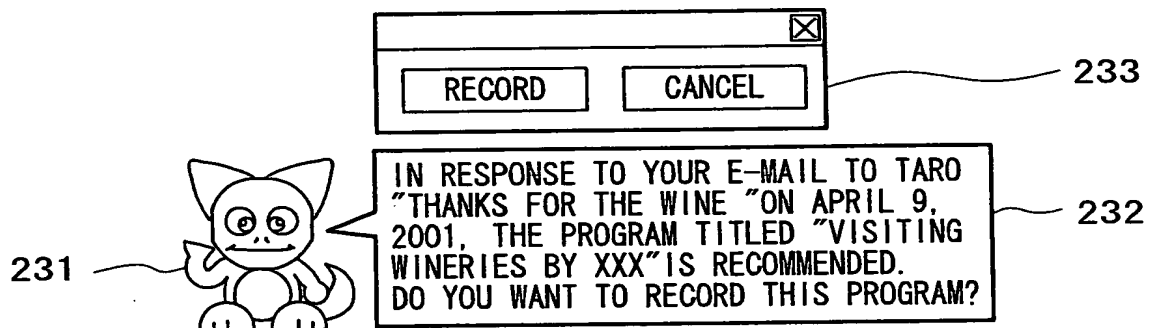


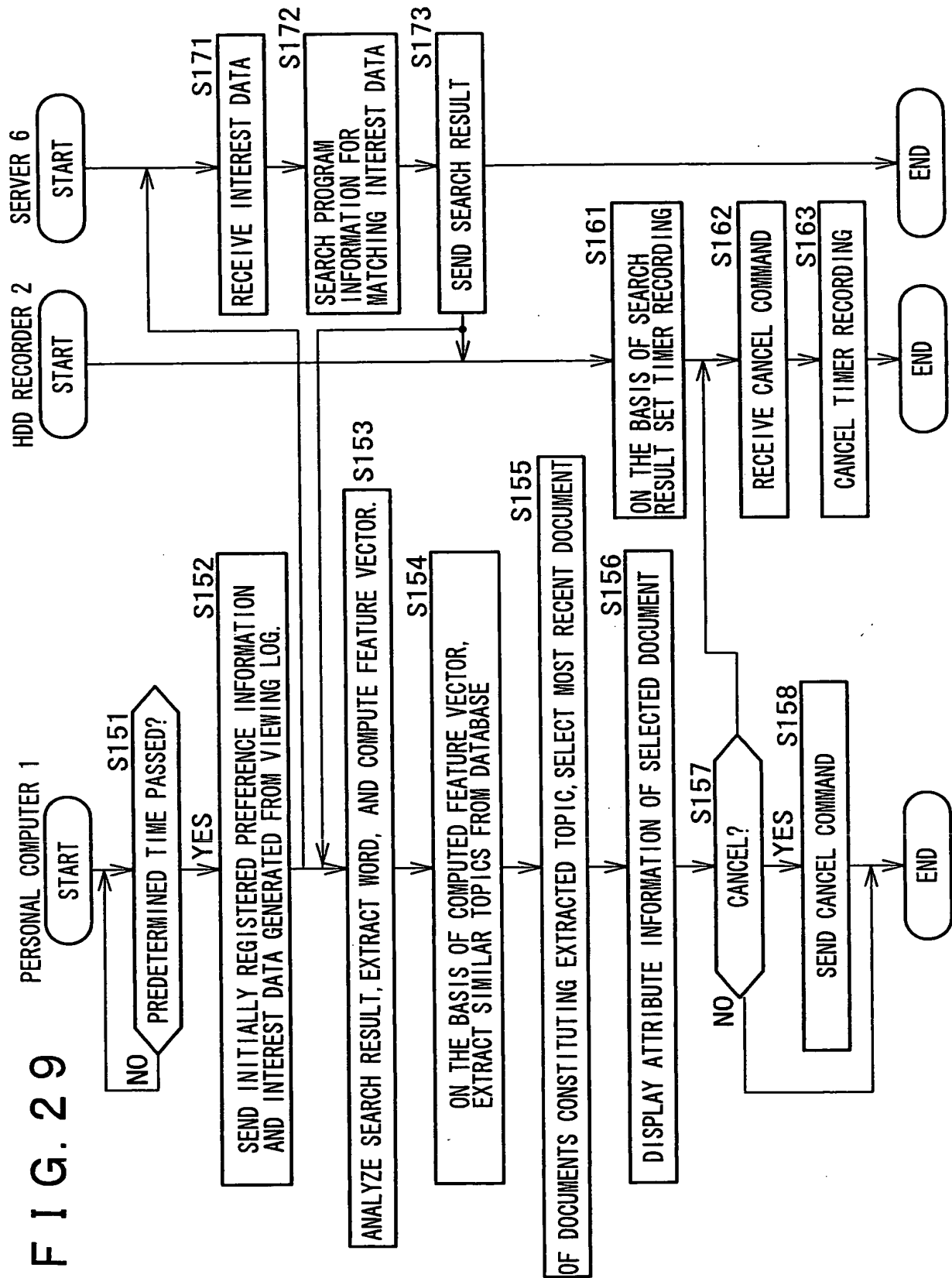
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FIG. 27



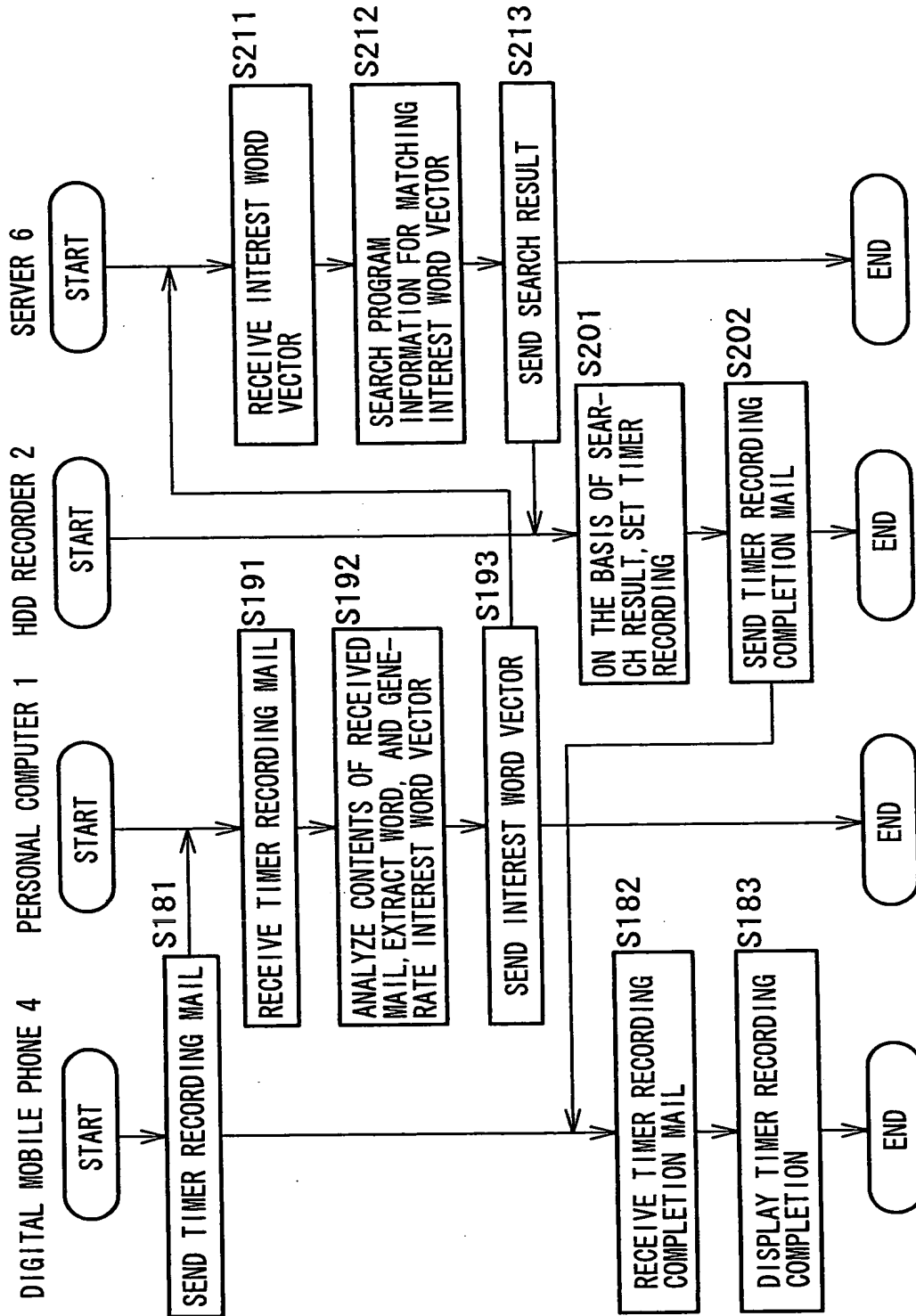
FIG. 28





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FIG. 30



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FIG. 31

TO:**@aa.co.jp
FROM:000@bb.co.jp
SUBJECT:TIMER RECORDING MAIL

RECORD A MUSIC PROGRAM TODAY.
ESPECIALLY, CLASSICAL. IF THERE
IS ANY JAZZ PROGRAM, RECORD IT
TOO. LASTLY, RECORD THE WORLD
CUP INFORMATION.

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FIG. 32

TO:000@bb.co.jp
FROM: XX@cc.co.jp
SUBJECT:TIMER RECORDING SETTING
COMPLETION MAIL

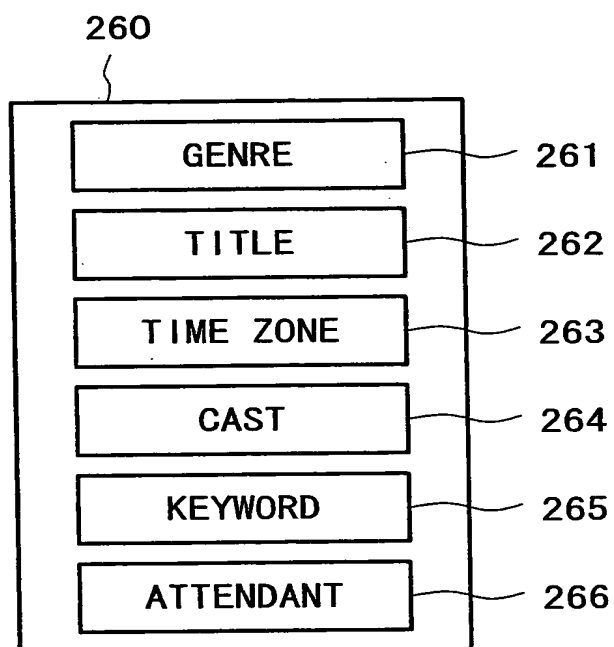
THE FOLLOWING PROGRAMS
HAVE BEEN RECORDED:

- (1) 4CH, 19:00-20:00
"WORLD CUP HIGHLIGHTS"
- (2) 3CH, 21:00-21:54
"XXX CLASSICAL"

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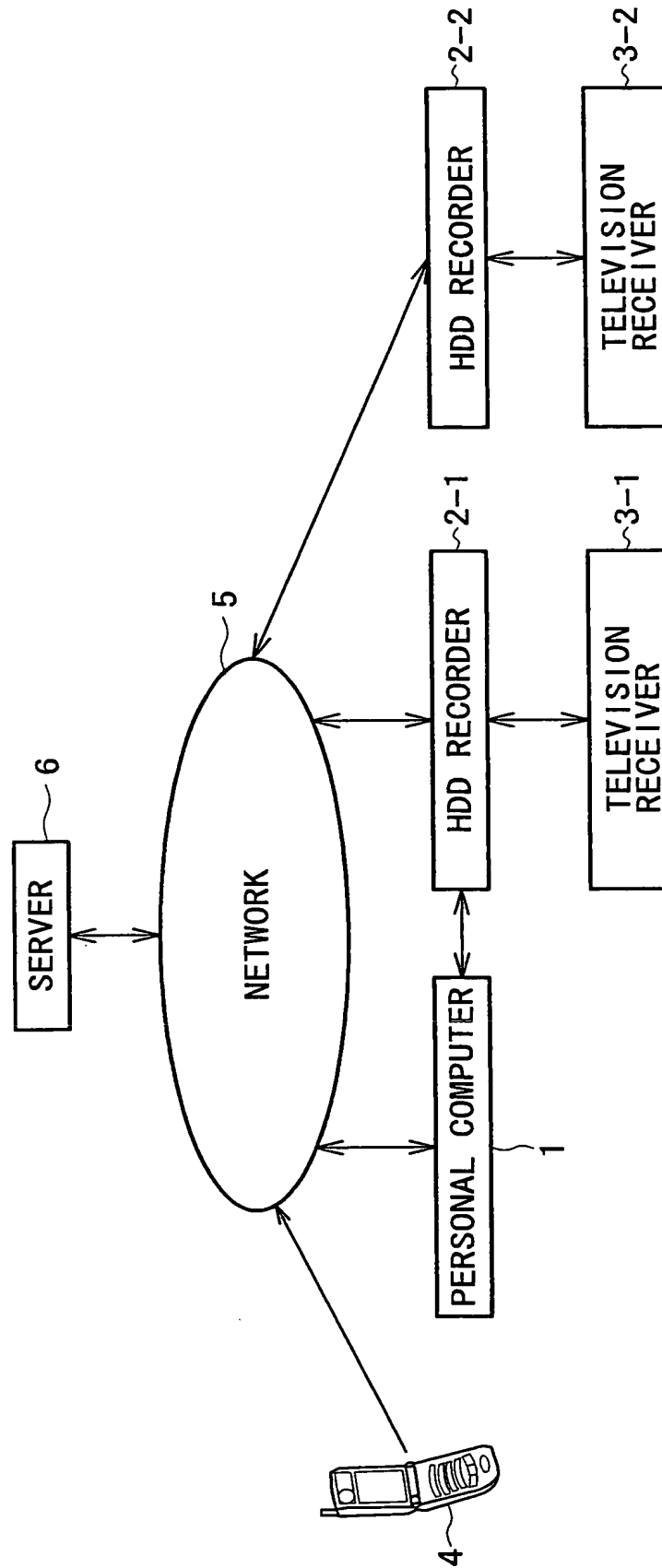
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FIG. 33



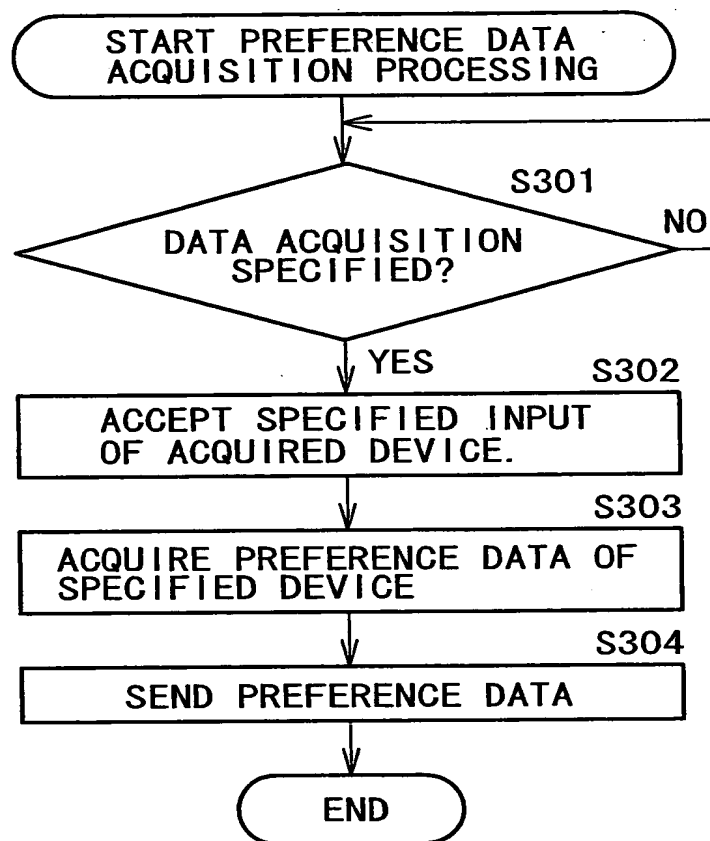
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FIG. 34



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FIG. 35



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FIG. 36

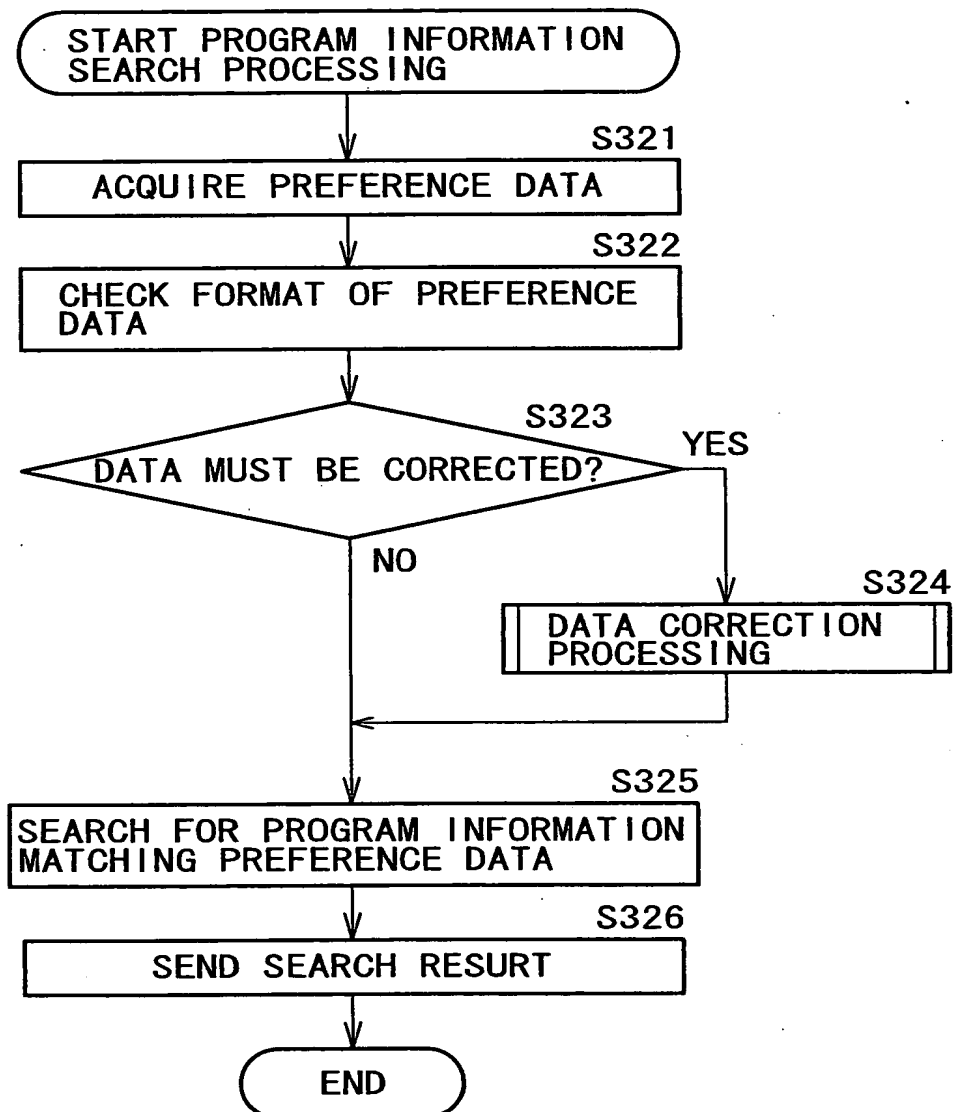
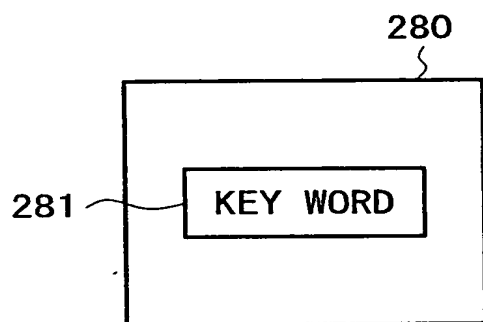


FIG. 37



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FIG. 38

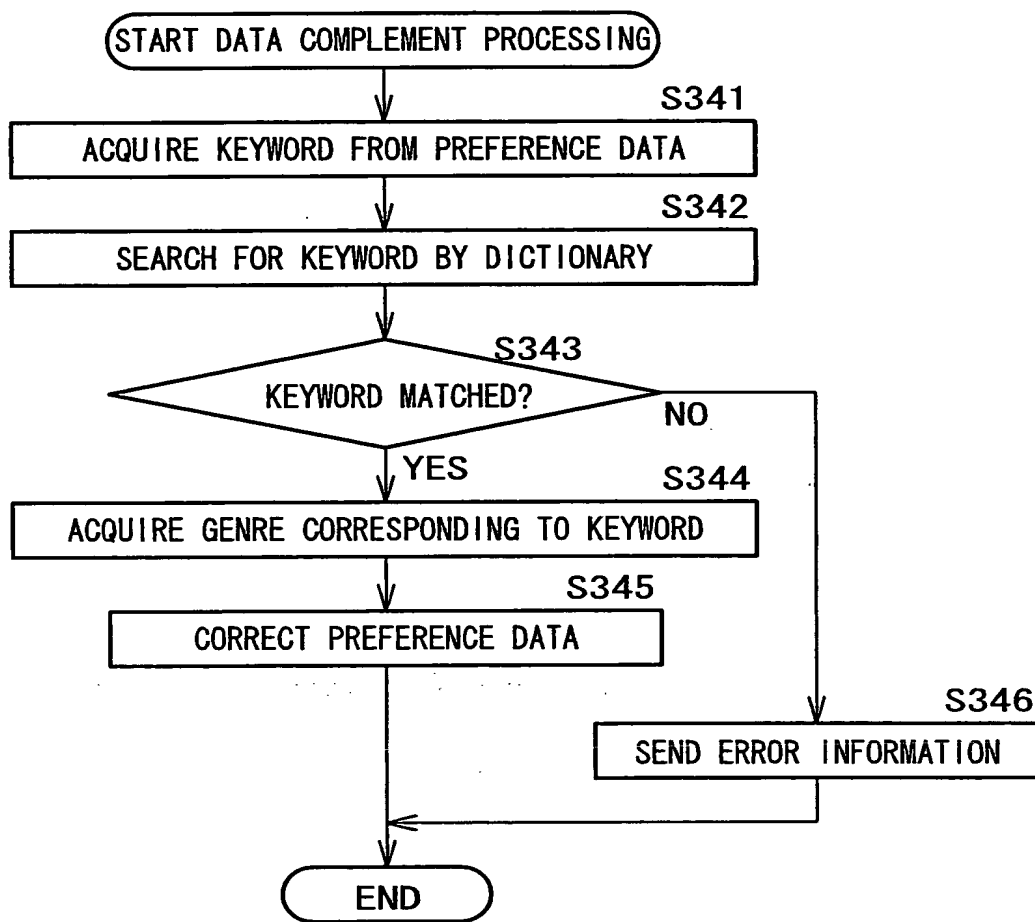


FIG. 39

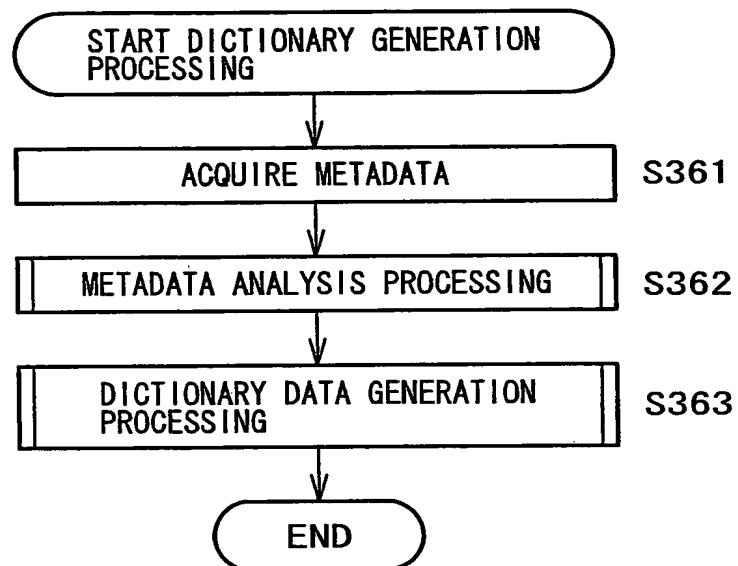
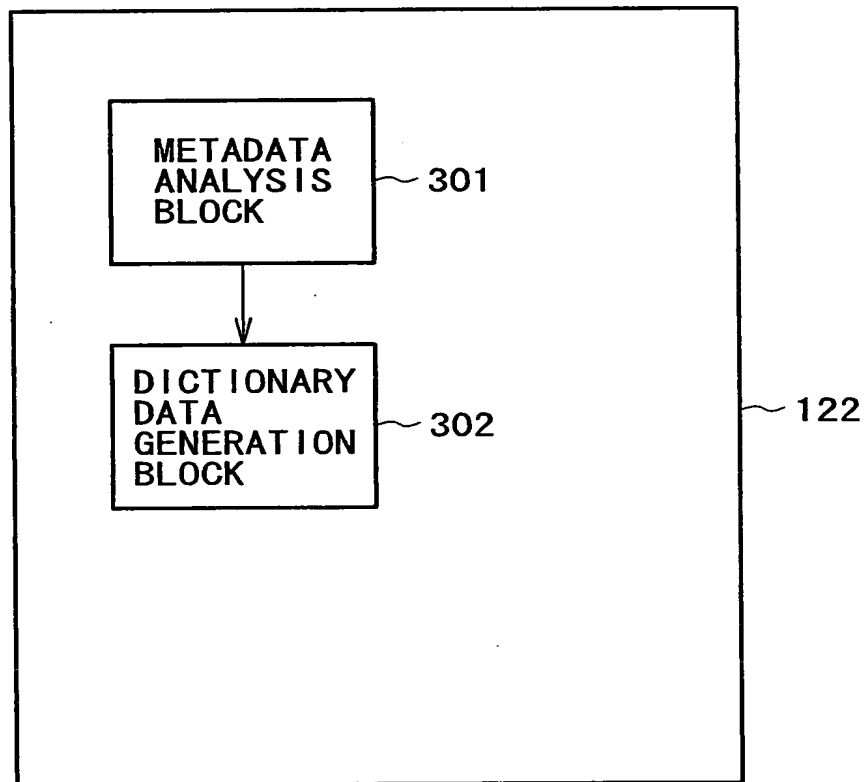


FIG. 40



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FIG. 41

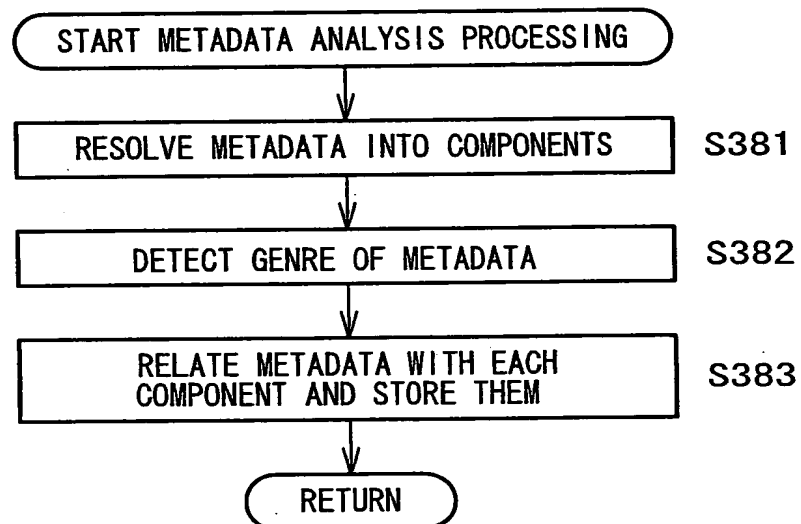


FIG. 42

| COMPONENT | GENRE | BROADCASTING STATION | BROADCAST TIME ZONE | CAST | KEYWORD | ... |
|-----------|---------------------------|-------------------------|------------------------|------|---|-----|
| No. 1 | COOKING | TAS | NOON | AAA | RECIPE, INGREDIENTS, STEPS, TELETEXT BROADCAST, STEREO | ... |
| No. 2 | DAILY LIFE INFORMATION | MHK | NIGHT | BBB | LEISURE, RESORT, CHILDREN, TELETEXT BROADCAST, STEREO | ... |
| No. 3 | CHILDREN | MHK | MORNING | CCC | LEISURE, CHILDREN, TELETEXT BROADCAST, STEREO | ... |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |

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FIG. 43

| COMPONENT | GENRE | BROADCASTING STATION | BROADCAST TIME ZONE | CAST | KEYWORD | ... |
|-----------|---------|-------------------------|------------------------|------|--|-----|
| No. 1-1 | COOKING | TAS | NOON | AAA | RECIPE, INGREDIENTS, STEPS, TELETEXT BROADCAST, STEREO | ... |
| No. 1-2 | COOKING | MHK | NOON | DDD | RECIPE, INGREDIENTS, STEPS, BOILED FOOD, TELETEXT BROADCAST, STEREO | ... |
| No. 1-3 | COOKING | MHK | MORNING | EEE | RECIPE, INGREDIENTS, STEPS, KITCHEN, TELETEXT BROADCAST, STEREO | ... |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |

FIG. 44

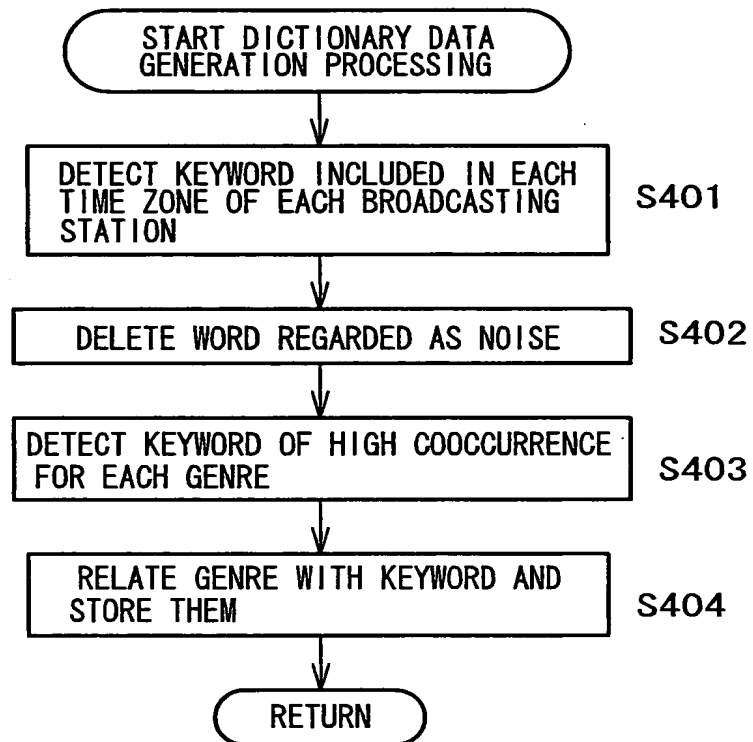
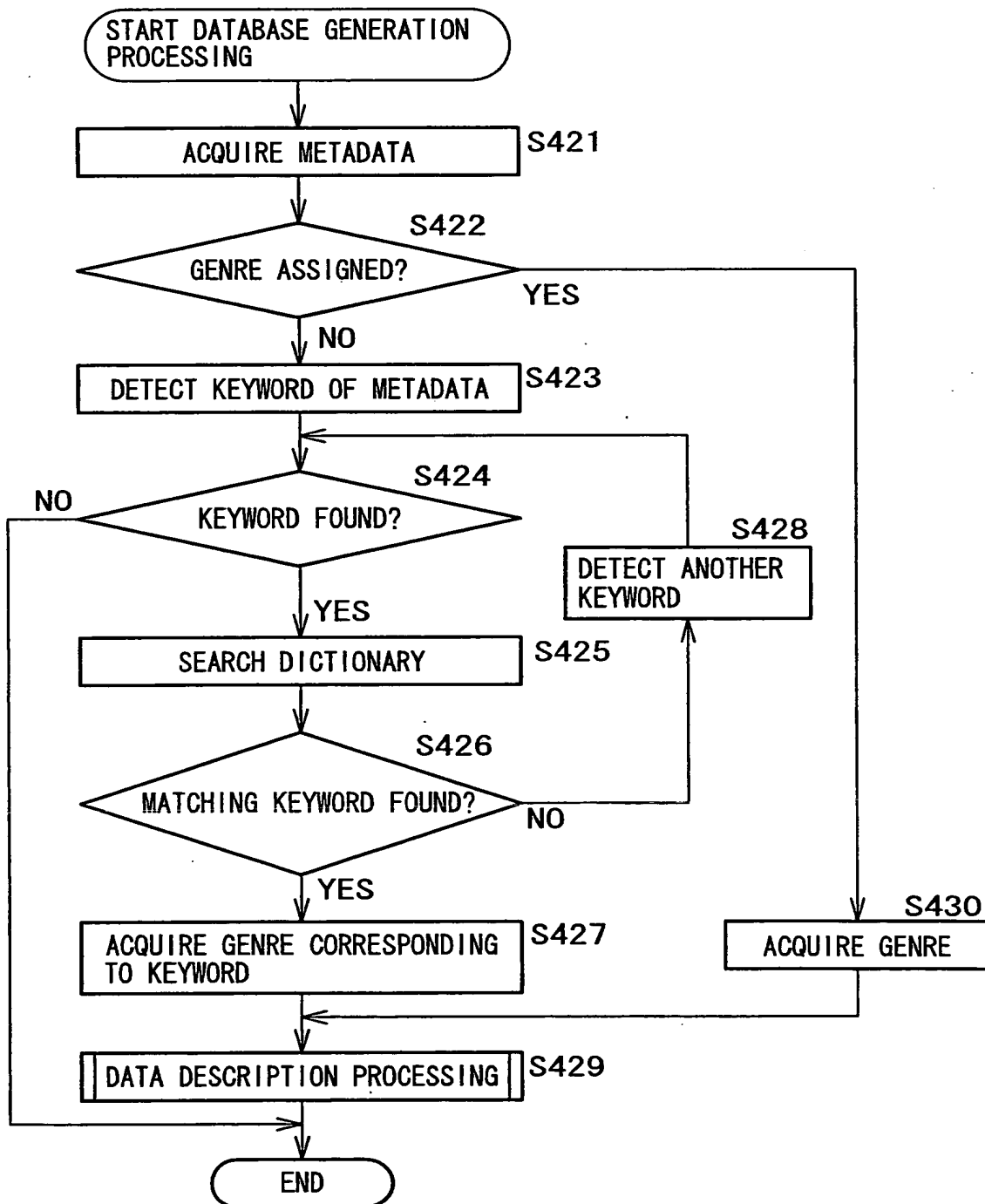


FIG. 45

| | KEYWORD | FREQUENCY/MONTH | GENRE | OTHER COMPONENTS |
|---|-------------|-----------------|----------------------------------|------------------|
| 1 | RECIPE | 3 | COOKING | ... |
| 2 | INGREDIENTS | 7 | COOKING | ... |
| 3 | STEPS | 2 | COOKING | ... |
| 4 | LEISURE | 15 | DAILY LIFE INFORMATION, CHILDREN | ... |
| 5 | RESORT | 3 | DAILY LIFE INFORMATION | ... |
| 6 | CHILDREN | 12 | DAILY LIFE INFORMATION, CHILDREN | ... |
| : | : | : | : | : |
| : | : | : | : | : |

FIG. 46



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FIG. 47

